

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035394.D
 Acq On : 26 Jun 2018 2:35
 Operator : JU/SJ
 Sample : J3241-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-062218-C

Quant Time: Jun 26 07:20:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55336	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	220299	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	162500	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	430655	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	473227	20.00	ng	-0.03
86) Perylene-d12	24.90	264	441756	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	116032	35.39	ng	-0.02
7) Phenol-d6	7.21	99	156262	32.29	ng	-0.02
23) Nitrobenzene-d5	9.21	82	117669	25.39	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	89676	43.11	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	285474	22.84	ng	-0.03
78) Terphenyl-d14	20.02	244	607864	26.91	ng	-0.03

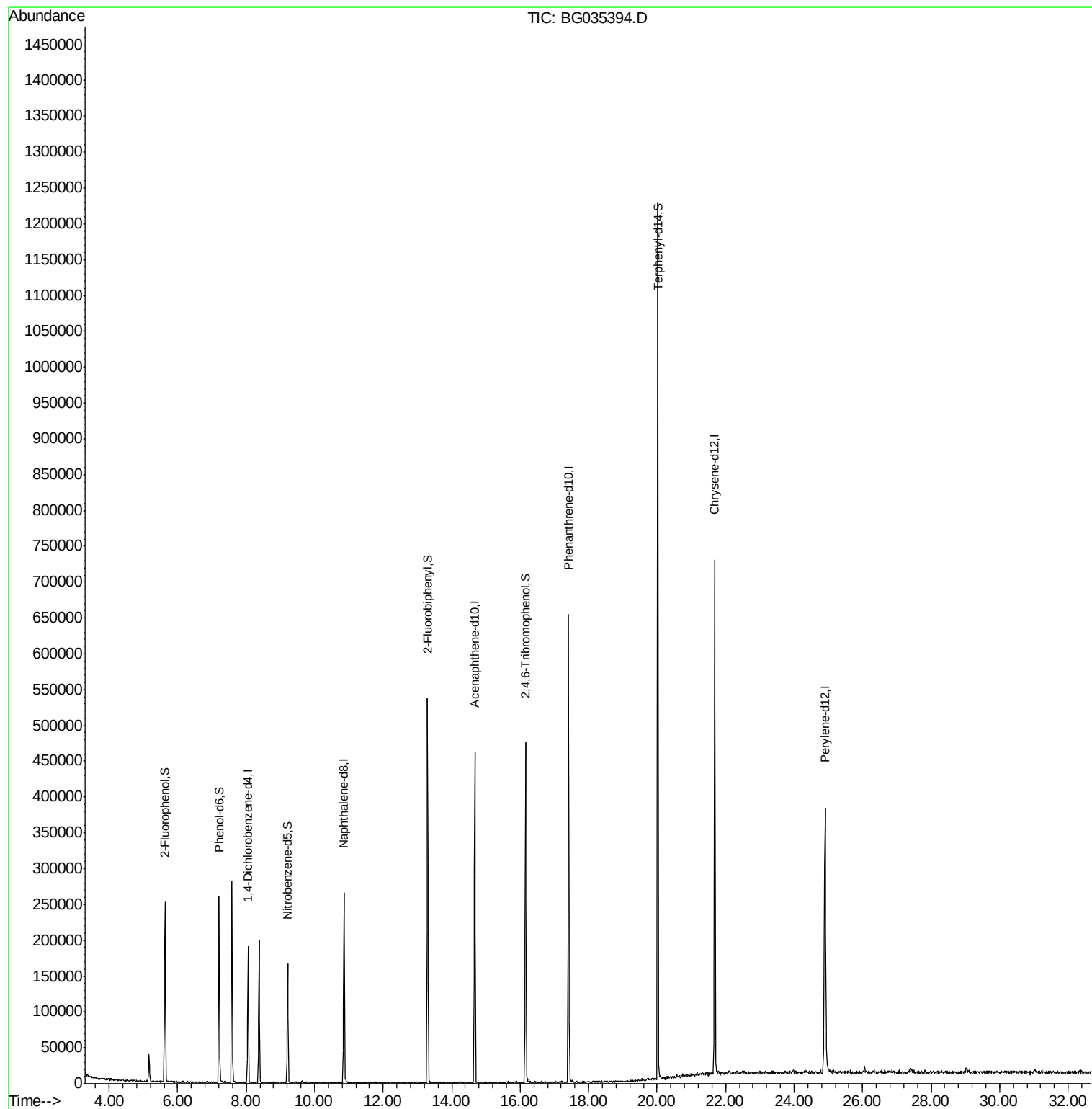
Target Compounds Qvalue

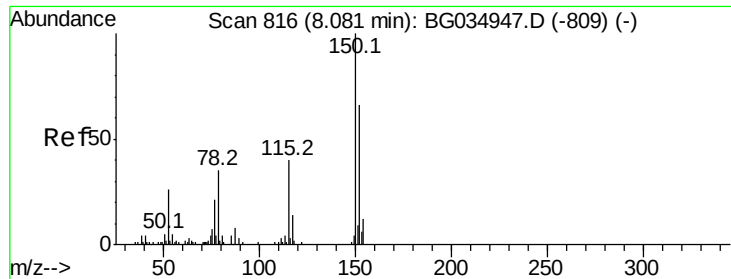
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.03 min

Lab File: BG035394.D

Acq: 26 Jun 2018 2:35

Instrument :

BNA_G

ClientSampleId :

HR-06-062218-C

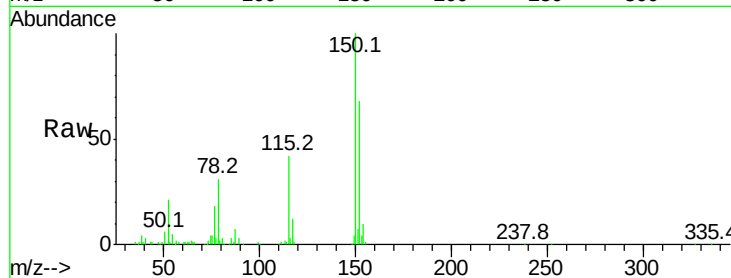
Tot Ion:152 Resp: 55336

Ion Ratio Lower Upper

152 100

150 146.9 126.6 189.8

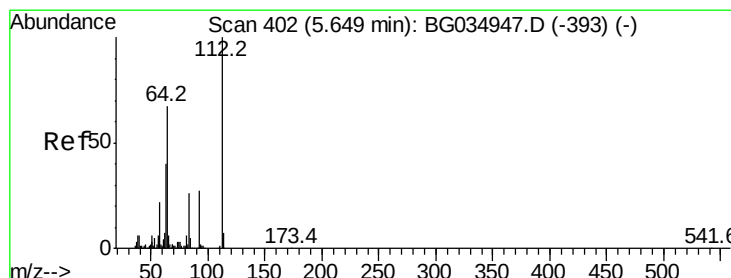
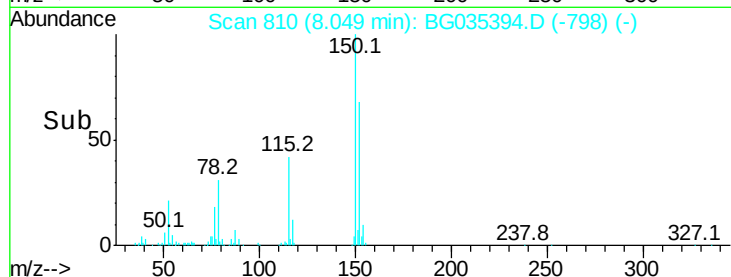
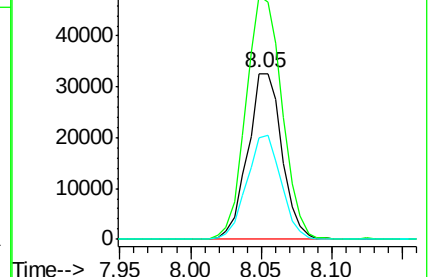
115 61.3 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 35.387 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.02 min

Lab File: BG035394.D

Acq: 26 Jun 2018 2:35

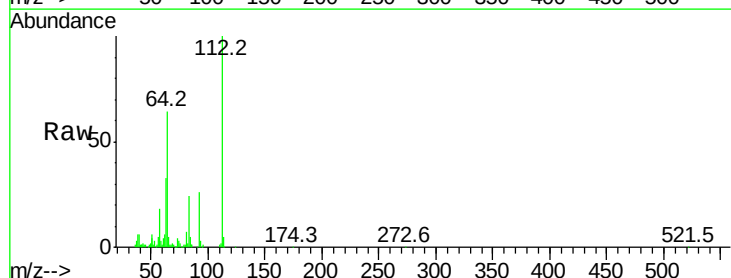
Tgt Ion:112 Resp: 116032

Ion Ratio Lower Upper

112 100

64 63.9 56.3 84.5

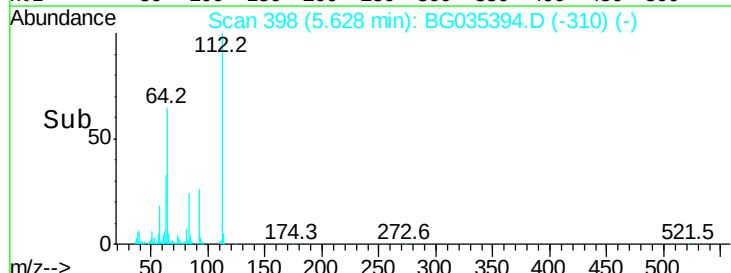
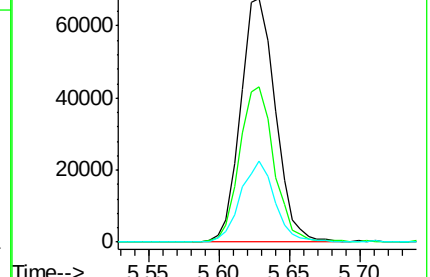
63 33.2 30.1 45.1

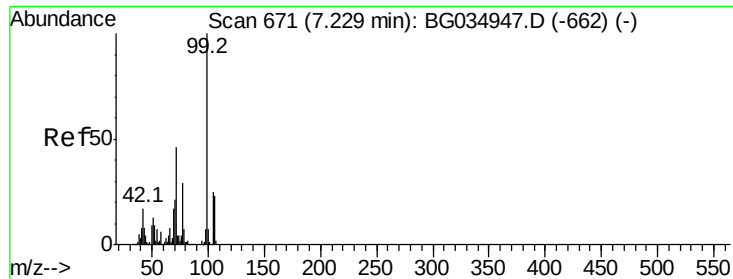


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.289 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035394.D

Acq: 26 Jun 2018 2:35

Instrument :

BNA_G

ClientSampleId :

HR-06-062218-C

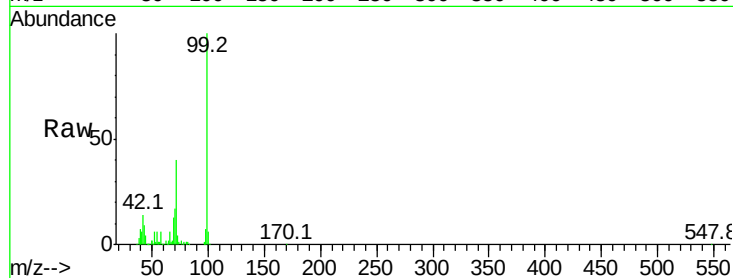
Tot Ion: 99 Resp: 156262

Ion Ratio Lower Upper

99 100

42 14.4 14.1 21.1

71 40.4 26.1 39.1#

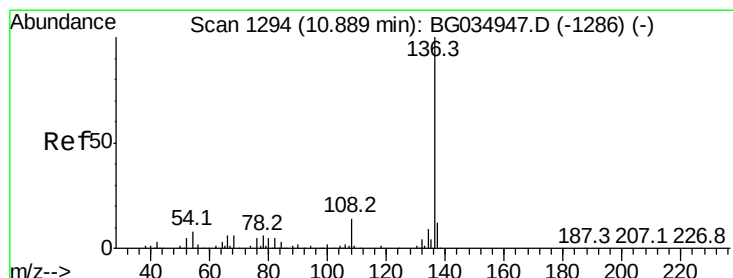
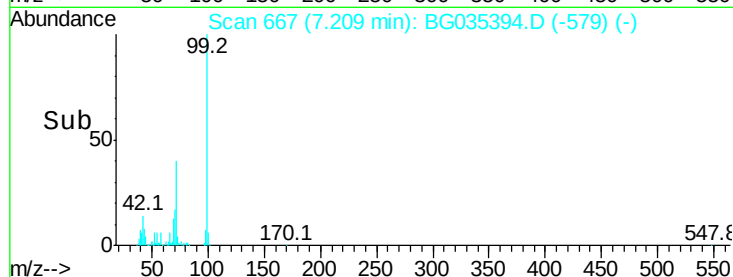
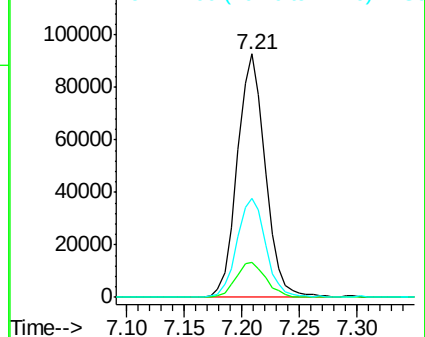


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035394.D

Acq: 26 Jun 2018 2:35

Tgt Ion: 136 Resp: 220299

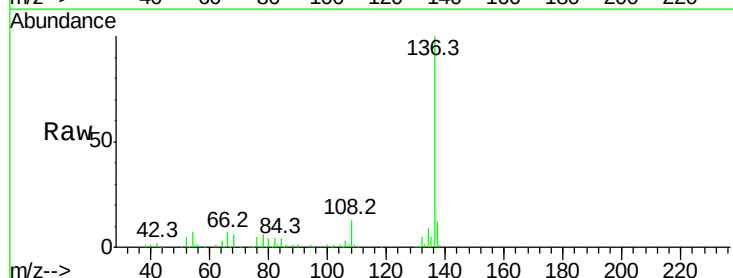
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.4 10.3 15.5#

68 5.8 4.5 6.7



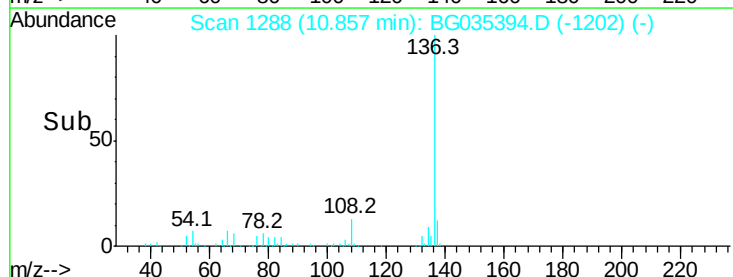
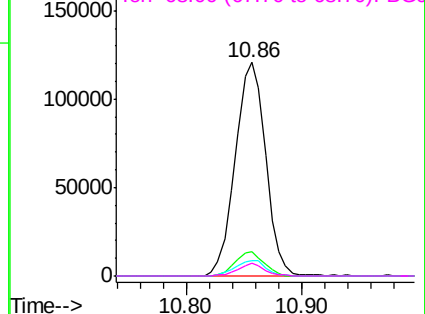
Abundance

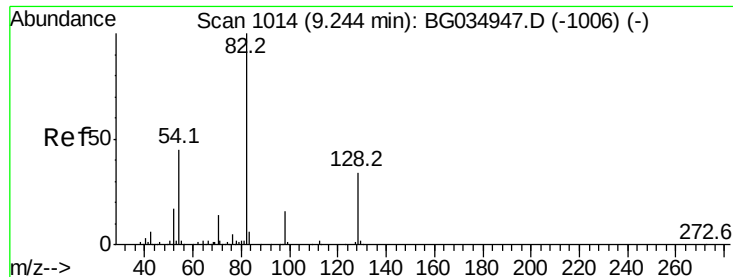
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

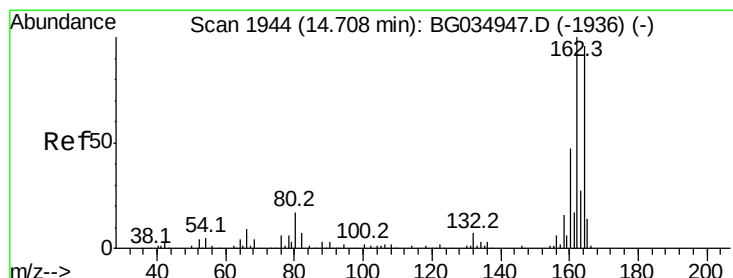
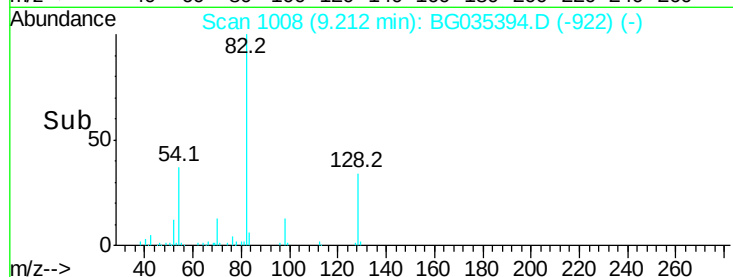
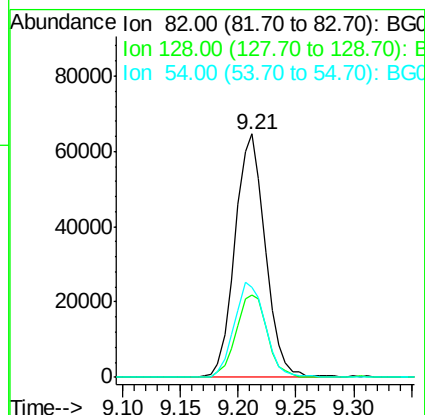
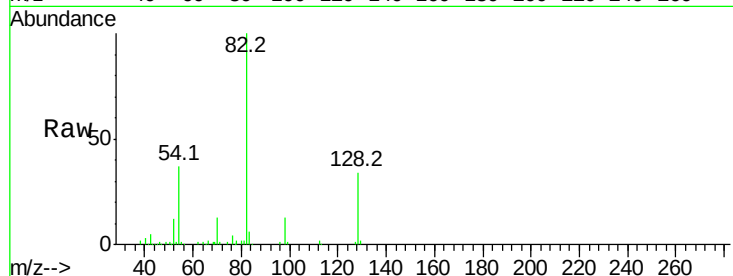




#23
Nitrobenzene-d5
Concen: 25.390 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035394.D
Acq: 26 Jun 2018 2:35

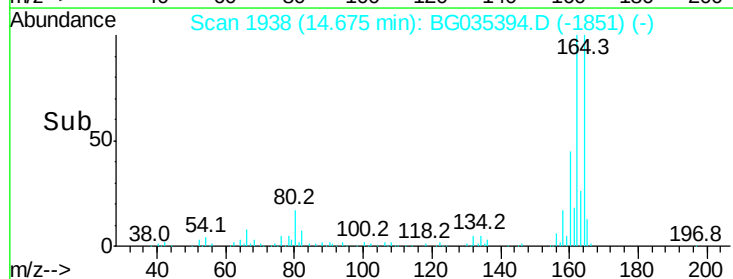
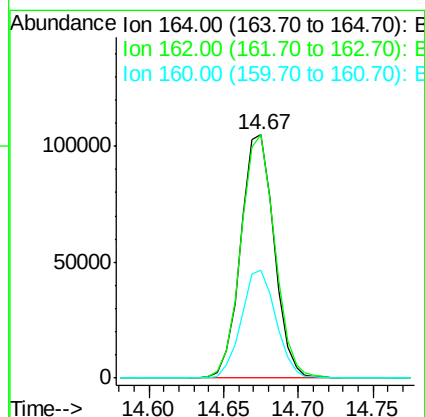
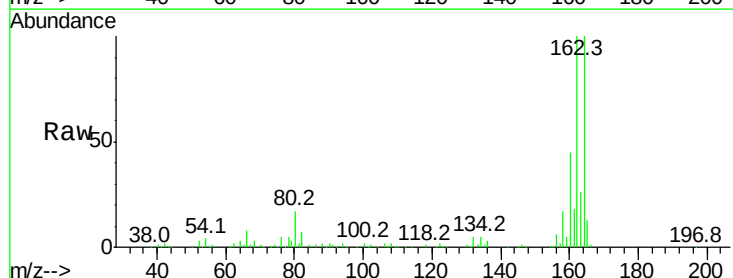
Instrument :
BNA_G
ClientSampleId :
HR-06-062218-C

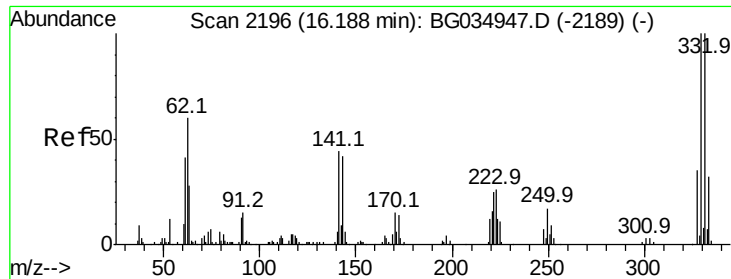
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	36.9	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035394.D
Acq: 26 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.8	118.2
160	44.6	35.4	53.0

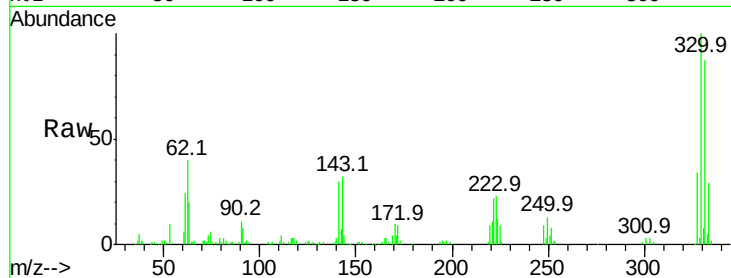




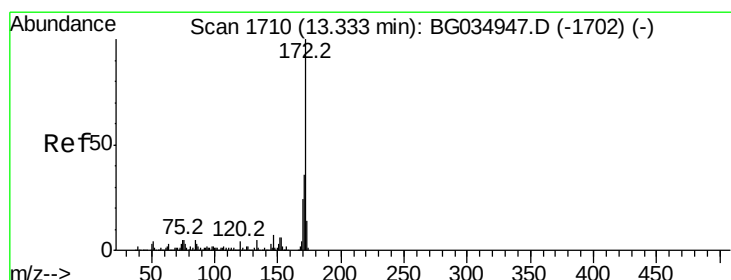
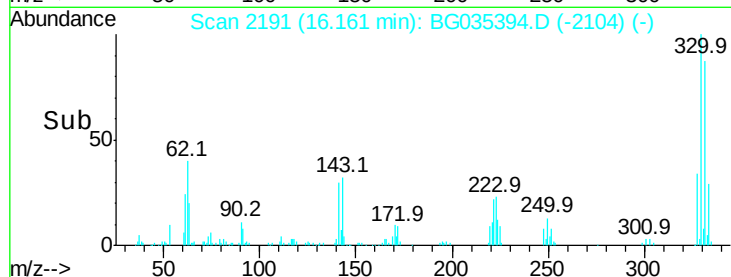
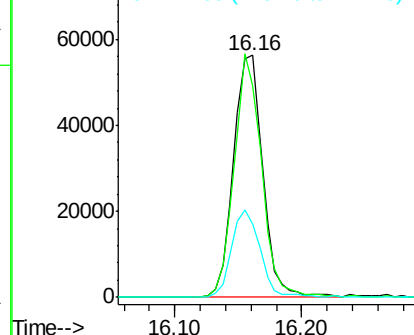
#41
 2,4,6-Tribromophenol
 Concen: 43.109 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035394.D
 Acq: 26 Jun 2018 2:35

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-062218-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	34.9	25.2	37.8

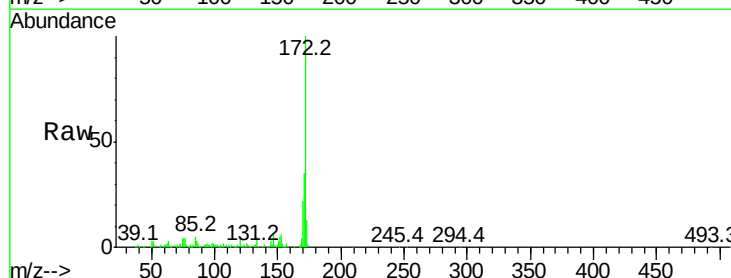


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

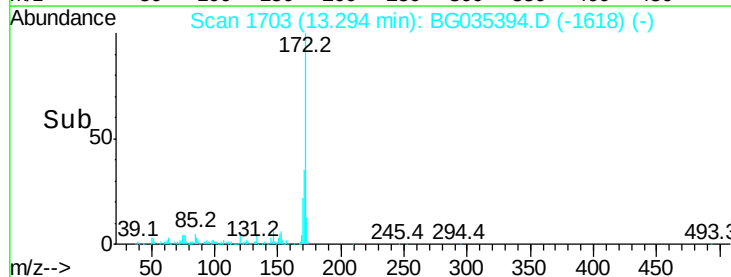
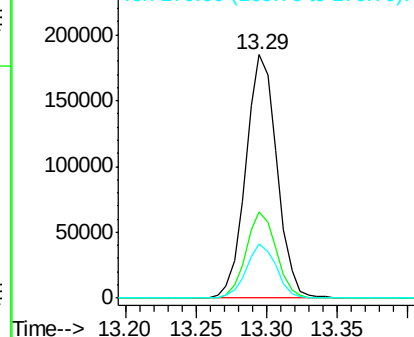


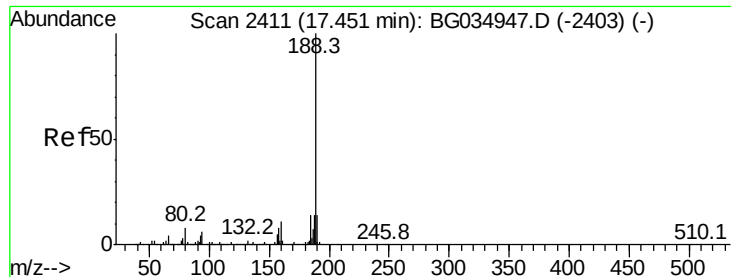
#44
 2-Fluorobiphenyl
 Concen: 22.838 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035394.D
 Acq: 26 Jun 2018 2:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	22.1	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035394.D

Acq: 26 Jun 2018 2:35

Instrument :

BNA_G

ClientSampleId :

HR-06-062218-C

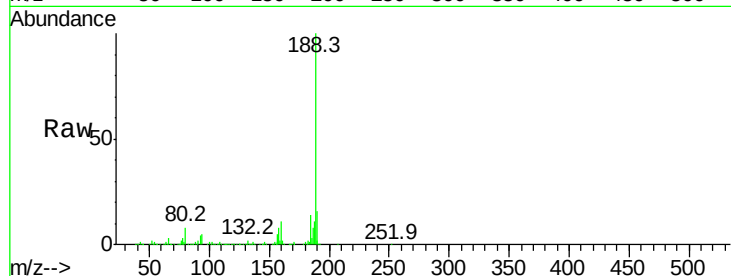
Tot Ion:188 Resp: 430655

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

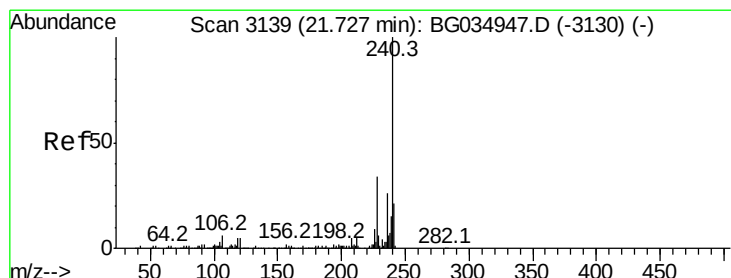
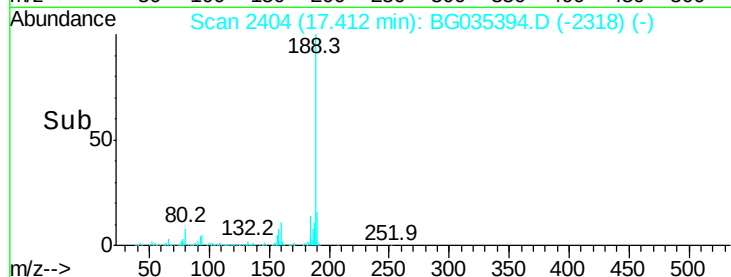
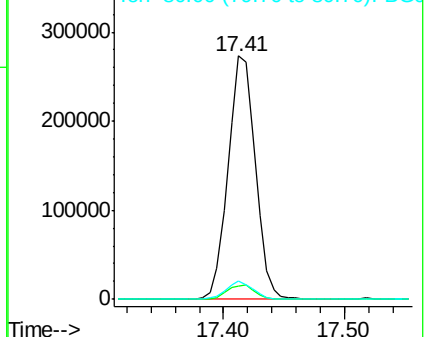
80 7.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035394.D

Acq: 26 Jun 2018 2:35

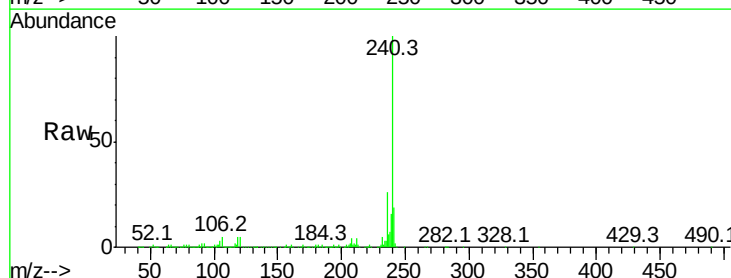
Tgt Ion:240 Resp: 473227

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

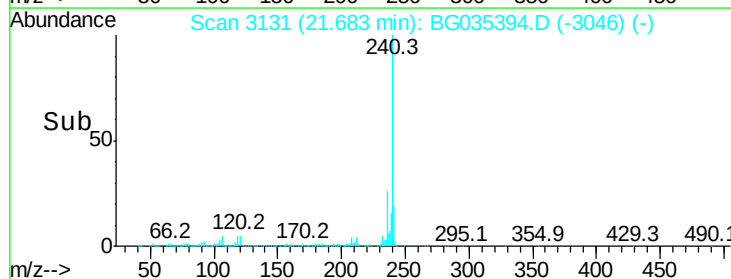
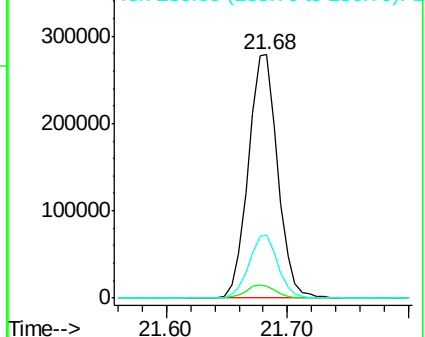
236 25.7 20.9 31.3

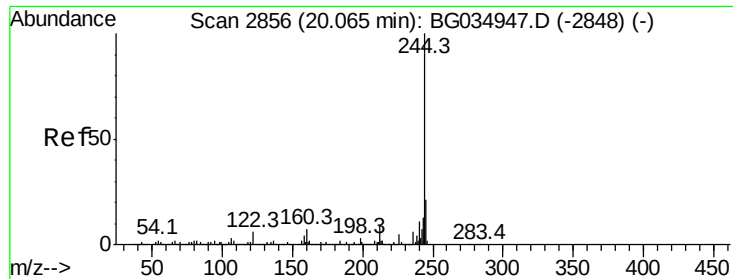


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 26.906 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035394.D

Acq: 26 Jun 2018 2:35

Instrument :

BNA_G

ClientSampleId :

HR-06-062218-C

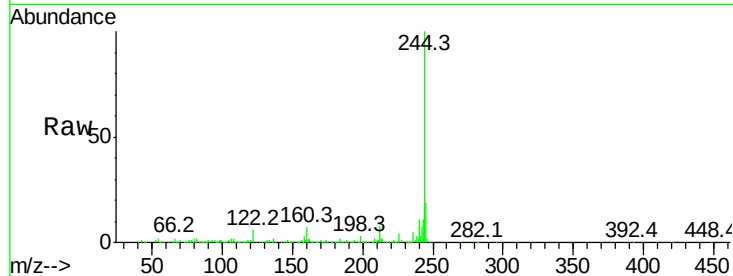
Tot Ion:244 Resp: 607864

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

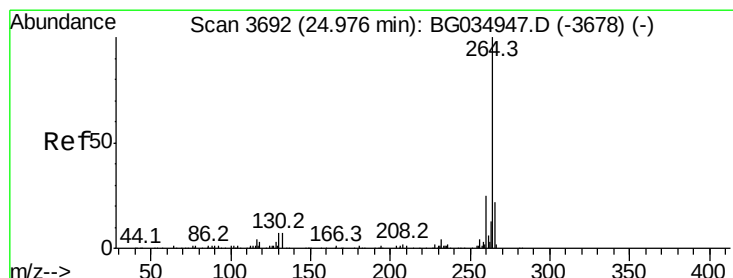
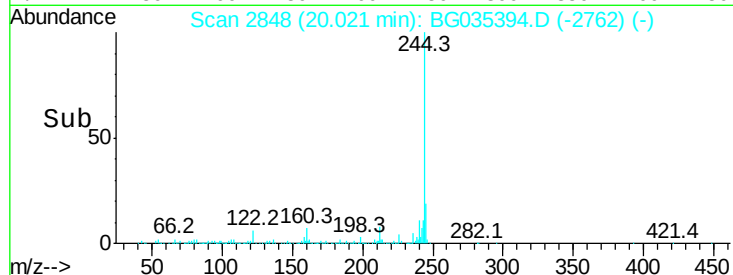
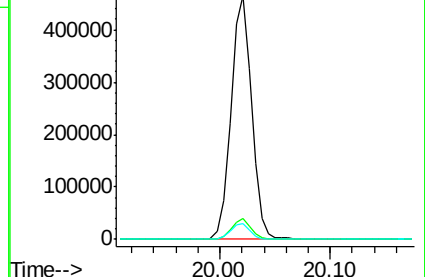
122 6.3 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035394.D

Acq: 26 Jun 2018 2:35

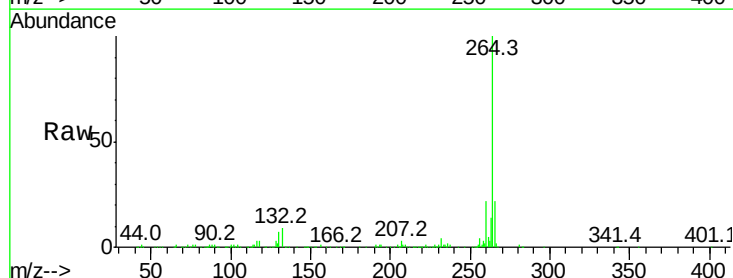
Tgt Ion:264 Resp: 441756

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

